

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	12	(drift with exceed\$3) and calibrat\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 14:10
S1	586	(calibrating or calibration) with metrology	US-PGPUB; USPAT	OR	ON	2006/08/28 18:38
S2	253714	thickness with film	US-PGPUB; USPAT	OR	ON	2006/08/28 10:37
S3	149	S1 and S2	US-PGPUB; USPAT	OR	ON	2006/08/28 10:37
S4	108	S3 and (critical adj dimension)	US-PGPUB; USPAT	OR	ON	2006/08/28 11:25
S5	88	S4 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 11:24
S6	88	S5 and reference	US-PGPUB; USPAT	OR	ON	2006/08/28 14:58
S7	4	S6 and (calibrating or calibration).ti.	US-PGPUB; USPAT	OR	ON	2006/08/28 11:25
S8	475	S1 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/04 20:38
S9	89	S8 and (calibrating or calibration).ti.	US-PGPUB; USPAT	OR	ON	2006/08/28 13:30
S10	84	S9 and reference	US-PGPUB; USPAT	OR	ON	2006/08/28 18:40
S11	12	S10 and (critical adj dimension)	US-PGPUB; USPAT	OR	ON	2006/08/28 14:36
S12	6	S11 and drift	US-PGPUB; USPAT	OR	ON	2006/08/28 11:37
S13	32	("4796038"   "5655110"   "5690785"   "5701013"   "5757507"   "5798529"   "5851842"   "5866437"   "5926690"   "5956566"   "6041270"   "6049660"   "6063531"   "6084816"   "6098024"   "6128089"   "6130750"   "6154711"   "6225639"   "6245581"   "6268226"   "6278114"   "6298470"   "6304836"   "7317211").PN. OR ("6532428"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 12:39
S14	1	S13 and (calibrating or calibration).ti.	US-PGPUB; USPAT	OR	ON	2006/08/28 13:30

## EAST Search History

S15	15	("20020186368"   "5144363"   "5453830"   "5657254"   "5840595"   "5866437"   "6013920"   "6154714"   "6245581"   "6283692"   "6466895"   "6532428").PN. OR ("6654698").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:39
S16	5387	(automatic with (calibrating or calibration)) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 14:35
S17	46	S16 and ((calibrating or calibration) same metrology)	US-PGPUB; USPAT	OR	ON	2006/08/28 13:45
S18	33	S16 and ((calibrating or calibration) with metrology)	US-PGPUB; USPAT	OR	ON	2006/08/28 13:44
S19	24	S17 and (drift\$3 or shift\$3)	US-PGPUB; USPAT	OR	ON	2006/08/28 14:57
S20	1	("6795193").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 13:51
S21	13	("20020135781"   "20020159054"   "20030147070"   "20030193666"   "5486701"   "5867276"   "5877860"   "5880838"   "6051348"   "6081334"   "6245584"   "6433878").PN. OR ("6795193").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:51
S22	437	(autocalibrat\$4) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 14:36
S23	1	S22 and (critical adj dimension)	US-PGPUB; USPAT	OR	ON	2006/08/28 14:36
S24	241	S22 and (drift\$3 or shift\$3)	US-PGPUB; USPAT	OR	ON	2006/08/28 18:40
S25	233	S24 and reference	US-PGPUB; USPAT	OR	ON	2006/08/28 15:42
S26	9	S25 and (thickness with film)	US-PGPUB; USPAT	OR	ON	2006/08/28 18:41
S27	70	(calibrating or calibration) with metrology	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 15:38
S28	46	S27 and @pd<="20040226"	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 15:39
S29	0	S28 and (drift\$3 or shift\$3) and (reference or standard)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 15:40
S30	19	S28 and (reference or standard)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/28 15:40

## EAST Search History

S31	236	S24 and (reference or standard)	US-PGPUB; USPAT	OR	ON	2006/08/28 15:42
S32	9	S31 and (thickness with film)	US-PGPUB; USPAT	OR	ON	2006/08/28 15:42
S33	1	("20050190381").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 16:05
S34	1	("6960416").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 16:06
S35	1	("6858361").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 16:06
S37	2	S34 or S35	US-PGPUB; USPAT	OR	ON	2006/08/28 16:07
S38	0	S37 and calibrat\$3	US-PGPUB; USPAT	OR	ON	2006/08/28 16:07
S39	0	S37 and standardiz\$5	US-PGPUB; USPAT	OR	ON	2006/08/28 16:56
S40	426	356/630.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 17:15
S41	872	250/252.1.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 18:34
S42	5077	702/40,58,59,81-85,94,95,97,127, 152,155,159,170-172,179,183,185. ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 18:36
S43	2561	438/14,16.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 18:36
S44	1456	250/252.1,559.24,559.26,559.27. ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 18:37
S45	2427	356/625-630,237.1,237.2.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/08/28 18:38
S46	7574	S42 or S43	US-PGPUB; USPAT	OR	ON	2006/08/28 18:38
S47	3770	S44 or S45	US-PGPUB; USPAT	OR	ON	2006/08/28 18:38
S48	11204	S46 or S47	US-PGPUB; USPAT	OR	ON	2006/09/04 18:57
S49	103	S48 and ((calibrating or calibration or standardiz\$5) with metrology)	US-PGPUB; USPAT	OR	ON	2006/08/28 18:39
S50	77	S49 and (drift\$3 or shift\$3)	US-PGPUB; USPAT	OR	ON	2006/08/28 18:40
S51	76	S50 and reference	US-PGPUB; USPAT	OR	ON	2006/08/28 18:40
S52	44	S51 and (thickness with film)	US-PGPUB; USPAT	OR	ON	2006/08/28 18:41

## EAST Search History

S53	5527	(autocalibration or (automatic adj calibration) or (self adj calibration))	US-PGPUB; USPAT	OR	ON	2007/03/04 20:37
S54	155	(autocalibration or (automatic adj calibration) or (self adj calibration)) with drift\$3	US-PGPUB; USPAT	OR	ON	2006/09/04 19:26
S55	142	S54 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:31
S56	5082	702/40,58,59,81-85,94,95,97,127, 152,155,159,170-172,179,183,185. ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/09/04 18:57
S57	2566	438/14,16.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/09/04 19:28
S58	1456	250/252.1,559.24,559.26,559.27. ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/09/04 18:57
S59	2431	356/625-630,237.1,237.2.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:34
S60	7584	S56 or S57	US-PGPUB; USPAT	OR	ON	2006/09/04 18:57
S61	3774	S58 or S59	US-PGPUB; USPAT	OR	ON	2006/09/04 18:57
S62	11218	S60 or S61	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S63	7	S55 and S62	US-PGPUB; USPAT	OR	ON	2006/09/04 18:58
S64	5997	(autocalibration or auto-calibration or (automatic adj calibration) or (self adj calibration))	US-PGPUB; USPAT	OR	ON	2006/09/04 20:03
S65	145	S64 and metrology	US-PGPUB; USPAT	OR	ON	2006/09/04 19:27
S66	114	S65 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/09/04 20:04
S67	0	S66 and ((autocalibration or auto-calibration or (automatic adj calibration) or (self adj calibration)) with drift)	US-PGPUB; USPAT	OR	ON	2006/09/04 19:29
S68	24	S66 and ((autocalibration or auto-calibration or (automatic adj calibration) or (self adj calibration)) and drift)	US-PGPUB; USPAT	OR	ON	2006/09/04 19:29

## EAST Search History

S69	32	("4796038"   "5655110"   "5690785"   "5701013"   "5757507"   "5798529"   "5851842"   "5866437"   "5926690"   "5956566"   "6041270"   "6049660"   "6063531"   "6084816"   "6098024"   "6128089"   "6130750"   "6154711"   "6225639"   "6245581"   "6268226"   "6278114"   "6298470"   "6304836"   "7317211").PN. OR ("6532428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/04 19:41
S70	6	("5699063").PN. OR ("6281818").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/04 19:54
S71	2090	S64 and exceed	US-PGPUB; USPAT	OR	ON	2006/09/04 20:03
S72	517	S64 and (exceed with (predetermined or pre-determined))	US-PGPUB; USPAT	OR	ON	2006/09/04 20:04
S73	459	S72 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2006/09/04 20:04
S74	58	S73 and intermittent\$2	US-PGPUB; USPAT	OR	ON	2006/09/04 20:06
S75	0	S74 and metrology	US-PGPUB; USPAT	OR	ON	2007/03/04 21:09
S76	85	(autocalibration or (automatic adj calibration) or (self adj calibration) or calibration) with (metrology adj tool)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:02
S77	60	S76 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/04 21:01
S78	39	S77 and film	US-PGPUB; USPAT	OR	ON	2007/03/04 21:02
S79	15	S78 and (reference with substrate)	US-PGPUB; USPAT	OR	ON	2007/03/04 20:39
S80	1	S78 and timing	US-PGPUB; USPAT	OR	ON	2007/03/04 20:49
S81	39	S78 and time	US-PGPUB; USPAT	OR	ON	2007/03/04 20:50
S82	24	S78 not S79	US-PGPUB; USPAT	OR	ON	2007/03/04 20:50
S83	4	("5599464"   "5611855"   "5955654"   "6146541").PN. OR ("6674092").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 21:00
S84	4	S83 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/04 21:07

## EAST Search History

S85	56	S77 and (film or layer)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:07
S86	20	S85 and (autocalibration or (automatic adj calibration) or (self adj calibration) or calibration) with (frequency or time or timing)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:06
S87	38147	(autocalibration or (automatic adj calibration) or (self adj calibration) or calibration) with (frequency or time or timing)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:08
S88	30941	S87 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/04 21:07
S89	10609	S88 and (film or layer)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:07
S90	30	S89 and ((autocalibration or (automatic adj calibration) or (self adj calibration) or calibration) with (frequency or time or timing)).ti.	US-PGPUB; USPAT	OR	ON	2007/03/04 21:09
S91	0	S90 and (metrology with tool)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:09
S92	90	S89 and (metrology with tool)	US-PGPUB; USPAT	OR	ON	2007/03/04 21:09
S93	0	S92 and (autocalibration or (automatic adj calibration) or (self adj calibration)).ti.	US-PGPUB; USPAT	OR	ON	2007/03/05 13:13
S94	18	S92 and (calibration or autocalibration or (automatic adj calibration) or (self adj calibration)).ti.	US-PGPUB; USPAT	OR	ON	2007/03/04 21:12
S95	1	(calibration and film and timing and (reference adj substrate) and exceed\$1 and (metrology adj tool)).clm.	US-PGPUB; USPAT	OR	ON	2007/03/05 13:18
S96	57	(david with mui)".in" and (hiroki with sasano).in. and (wei with liu).in.	US-PGPUB; USPAT	OR	ON	2007/03/05 13:18
S97	14	S96 and metrology	US-PGPUB; USPAT	OR	ON	2007/03/05 13:18
S98	1	S97 and (calibration and film and timing and (reference adj substrate) and (metrology adj tool)).clm.	US-PGPUB; USPAT	OR	ON	2007/03/05 13:19
S99	1	S97 and (calibration and film and timing and (reference adj substrate) and (metrology adj tool))	US-PGPUB; USPAT	OR	ON	2007/03/05 13:19

## EAST Search History

S10 0	1	S97 and (calibration and film and timing and (reference adj substrate) and (metrology))	US-PGPUB; USPAT	OR	ON	2007/03/05 13:19
S10 1	1	S97 and (calibration and film and timing and (reference) and (metrology))	US-PGPUB; USPAT	OR	ON	2007/03/05 13:19
S10 2	1	S97 and (calibration and film and (reference) and (metrology))	US-PGPUB; USPAT	OR	ON	2007/03/05 13:20
S10 3	1	S97 and (calibration and (reference) and (metrology))	US-PGPUB; USPAT	OR	ON	2007/03/05 13:20
S10 4	1	S97 and (calibration and (metrology))	US-PGPUB; USPAT	OR	ON	2007/03/05 13:20
S10 5	1	S97 and (calibrat\$3)	US-PGPUB; USPAT	OR	ON	2007/03/05 13:20
S10 6	157	(autocalibration or (automatic adj calibration) or (self adj calibration)) with drift\$3	US-PGPUB; USPAT	OR	ON	2007/03/05 13:31
S10 7	143	S106 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:31
S10 8	5218	702/40,58,59,81-85,94,95,97,127,152,155,159,170-172,179,183,185.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S10 9	2600	438/14,16.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 0	1462	250/252.1,559.24,559.26,559.27.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 1	2486	356/625-630,237.1,237.2.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 2	7753	S108 or S109	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 3	3834	S110 or S111	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 4	11443	S112 or S113	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 5	7	S107 and S114	US-PGPUB; USPAT	OR	ON	2007/03/05 13:32
S11 6	2486	356/625-630,237.1,237.2.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:34
S11 7	2020	356/630,237.1,237.2.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:54
S11 8	437	356/630.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:35
S11 9	872	356/237.1.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:42

## EAST Search History

S12 0	820	356/237.2.ccls. and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/03/05 13:59
S12 1	13	S108 and (drift with exceed\$3)	US-PGPUB; USPAT	OR	ON	2007/03/05 14:10
S12 2	11	S121 and calibrat\$3	US-PGPUB; USPAT	OR	ON	2007/03/05 14:00